

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	204/157.41,242,157.15.ccls. and "502"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:11
L2	59333	204/157.41,242,157.15.ccls. or "502"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:12
L3	9285	L2 and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:12
L4	0	L3 and semi\$1comductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:12
L5	373	L3 and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:13
L6	261	L3 and semiconductor and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 10:13
S1	6773	"502"/\$.ccls. and hydrogen same ( fe or mn or co or cr or ti)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:28
S2	1381	"502"/\$.ccls. and hydrogen same ( fe or mn or co or cr or ti) same water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:29
S3	976	"502"/\$.ccls. and hydrogen same ( fe or mn or co or cr or ti) same water same catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:29

## EAST Search History

S4	110	"502"/\$.ccls. and hydrogen same (fe or mn or co or cr or ti) same water same catalyst and nm and porous	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:32
S5	1	"10/657037"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:35
S6	1199630	gap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:35
S7	2046	gap with catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:39
S8	31	S1 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:36
S9	0	n\$1gap with catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:40
S10	188	"GaP" same mno	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:42
S11	0	S10 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:41
S12	11	photo\$1electrolytic with catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:47
S13	0	S12 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:42

## EAST Search History

S14	15	(qinbal and fan)."." "in."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:48
S15	0	(qinbal and fan).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:48
S16	31	(qinbai and fan).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:50
S17	2	us-20050211290-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:51
S18	2	us-20040003837-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:52
S19	2	"6936143".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:52
S20	7	("3925212"   "4090933"   "4381978"   "4466869"   "4643817"   "4793910").PN. OR ("6936143"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:53
S21	0	("2004/0003837").URPN.	USPAT	OR	ON	2007/06/14 13:53
S22	0	("2005/0211290").URPN.	USPAT	OR	ON	2007/06/14 13:53
S23	9	S20 or S17 or S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:54
S24	5	S23 and ( nano or nm or poro\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 13:54
S25	2139	204/290.03,242,290.01,291.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:05

## EAST Search History

S26	70	S25 and cell with solar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:06
S27	46	S25 and cell with solar and hydrogen same water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:07
S28	11	S25 and cell with solar and hydrogen same water and poro\$6 and ( nao\$6 or nano or nm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:11
S29	2	"4461691".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:11
S30	3	("4379740"   "4461691").PN. OR ("4650558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 15:10
S31	122294	n-type same p-type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:33
S32	2	"4461691".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:45
S33	286	catalyst with ( fe or mn or co or ni or cr or ti) and photo\$1electro\$3 and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:48
S34	154	catalyst with ( fe or mn or co or ni or cr or ti) and photo\$1electro\$3 and water same hydrogen and poro\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:51
S35	2711	semiconductor same catalyst and catalyst same ( fe or mn or co or ni or cr or ti or titanium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:40

## EAST Search History

S36	689	S35 and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:08
S37	2	"4650558".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 07:55
S38	93	S36 and "204"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:06
S39	37	S36 and "204"/\$.ccls. and poro\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 07:56
S40	241	S35 and water same hydrogen and poro\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:09
S41	115	S35 and water same hydrogen and poro\$6 with ( catalyst or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:09
S42	3635	semiconductor same catalyst and catalyst same ( fe or iron or cobalt or manganese or nickel mn or co or ni or cr or ti or titanium or chromium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 10:55
S43	814	S42 and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 08:44
S44	132	S43 and poro\$4 with ( semiconductor or catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 10:56
S45	2	"4623437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 09:17

## EAST Search History

S46	13	("3953375"   "4219392"   "4303486"   "4362637"   "4382846"   "4484992").PN. OR ("4623437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 09:19
S47	3	S46 and poro\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 09:19
S48	2	"4461691".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 10:23
S49	2	semiconductor same catalyst and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 13:22
S50	1378	semiconductor same catalyst and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 10:56
S51	207	S50 and poro\$4 with ( semiconductor or catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:33
S52	75	S51 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 10:57
S53	153	S50 and poro\$4 with ( catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:33
S54	0	semiconductor same catalyst and water same hydrogen and ( semiconductor or catalyst) near4 poro\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 13:23
S55	124	semiconductor same catalyst and water same hydrogen and ( semiconductor or catalyst) near4 poro\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 13:50

## EAST Search History

S56	521	semiconductor and catalyst and poro\$5 and "204"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 13:51
S57	123	semiconductor same catalyst and poro\$5 and "204"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 14:31
S58	8848	"502"/\$.ccls. and water same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 14:32
S59	77	"502"/\$.ccls. and water same hydrogen and semiconductor same catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 14:32
S60	13	("3953375"   "4219392"   "4303486"   "4362637"   "4382846"   "4484992").PN. OR ("4623437"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 14:34